

BGWSF  
1.4

PRELIMINARY UPLAND ASSESSMENT REPORT  
McCONKEY/SESKO SITE  
1725 PENNSYLVANIA AVENUE  
BREMERTON, WASHINGTON

OCTOBER 26, 2007

FOR  
CITY OF BREMERTON

GEOENGINEERS



USEPA SF



1359963



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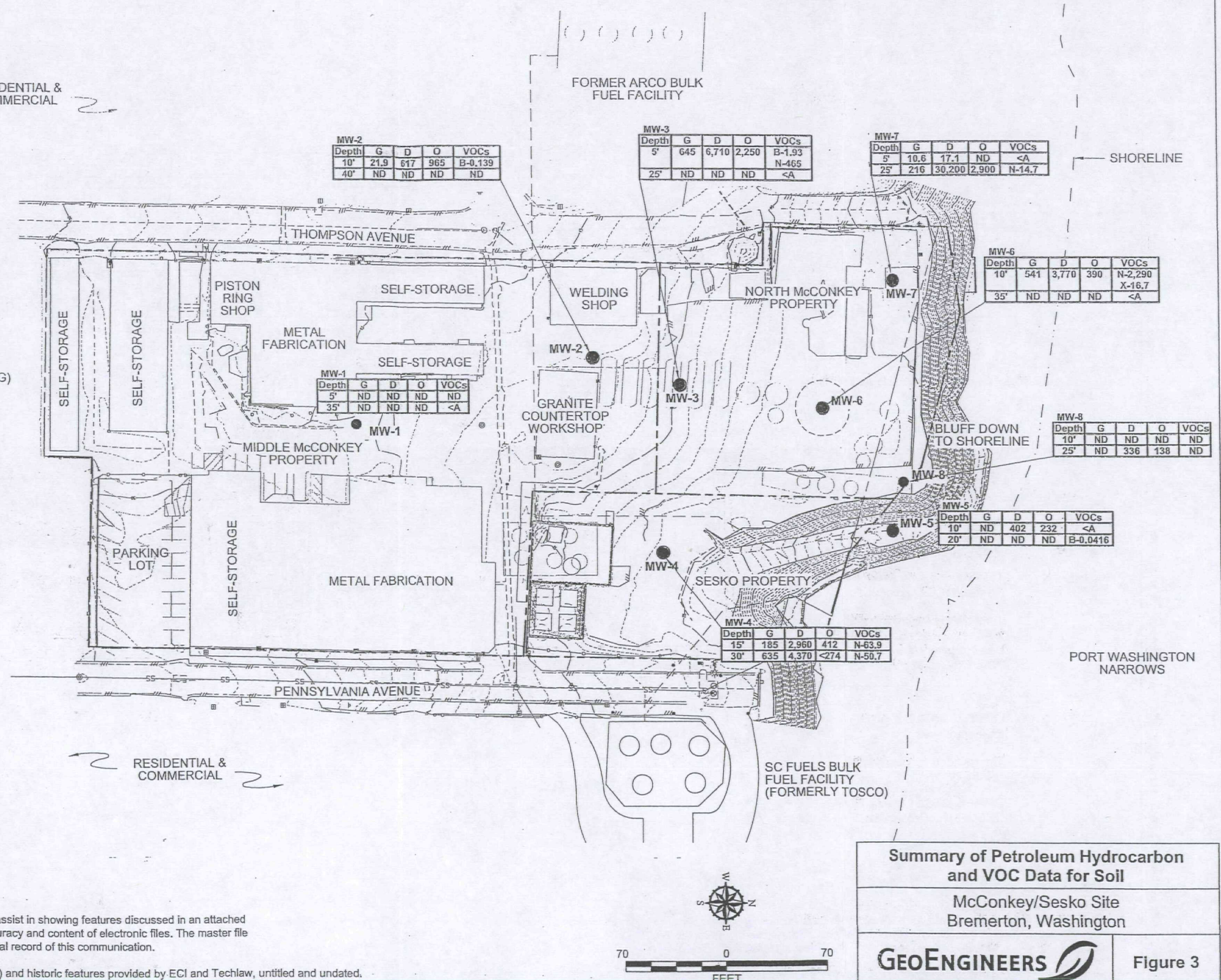
Legend:

- Site Boundary
  - MW-1 ● Monitoring Well Location
  - G = Gasoline Range Hydrocarbons
  - D = Diesel Range Hydrocarbons
  - O = Oil Range Hydrocarbons
  - VOCs = Volatile Organic Compounds
  - B = Benzene
  - N = Naphthalene
  - ND = Not Detected
  - <A = Less than MTCA Method A Cleanup Level
  - Exceeds MTCA Cleanup Level for one or more constituents
- The reported concentrations are in mg/kg.

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Base drawing provided by Parametrix (May 2007) and historic features provided by ECI and Techlaw, untitled and undated.





W:\SEATTLE\PROJECTS\010892017\001\CAD\089201700-FIGURES.dwg(TAB:4, MODIFIED BY BKARN ON SEP 20, 2007 - 14:22

Legend:

- Site Boundary
- MW-1 ● Monitoring Well Location
- Total cPAHs = Total Carcinogenic Polycyclic Aromatic Hydrocarbons
- Total cPAHs calculated using toxic equivalent (TEQ) relative to benzo(a)pyrene per WAC173-340-780(8).
- As = Arsenic
- <A = Less than MTCA Method A Clean-up Level
- The reported concentrations are in mg/kg.
- Exceeds MTCA Cleanup Level for one or more constituents

Notes:

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RESIDENTIAL & COMMERCIAL

FORMER ARCO BULK FUEL FACILITY

SHORELINE

SOUTH McCONKEY INDUSTRIAL PARK PROPERTY (FORMER CONCRETE MANUFACTURING)

THOMPSON AVENUE

Depth	Total cPAHs	As
10'	14.9	3.18
40'	<A	0.797

Depth	Total cPAHs	As
5'	77.7	48.40
25'	<A	1.27

Depth	Total cPAHs	As
5'	2.54	2.72
25'	2.35	1.01

Depth	Total cPAHs	As
5'	0.11	1.64
10'	155.5	1.26
35'	0.5	0.84

Depth	Total cPAHs	As
10'	3.54	6.72
25'	63.9	2.25

Depth	Total cPAHs	As
10'	24.7	3.81
20'	<A	0.83

Depth	Total cPAHs	As
15'	16.2	2.58
30'	8.83	4.80

SELF-STORAGE

SELF-STORAGE

PISTON RING SHOP

METAL FABRICATION

SELF-STORAGE

WELDING SHOP

NORTH McCONKEY PROPERTY

MW-2

GRANITE COUNTERTOP WORKSHOP

MW-3

MW-6

BLUFF DOWN TO SHORELINE

MW-8

MW-5

MW-4

SESKO PROPERTY

METAL FABRICATION

PARKING LOT

SELF-STORAGE

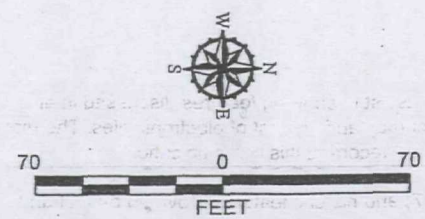
MIDDLE McCONKEY PROPERTY

PENNSYLVANIA AVENUE

RESIDENTIAL & COMMERCIAL

SC FUELS BULK FUEL FACILITY (FORMERLY TOSCO)

PORT WASHINGTON NARROWS



Summary of cPAH and Arsenic Data for Soil

McConkey/Sesko Site  
Bremerton, Washington

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Figure 4



W:\SEATTLE\PROJECTS\010892017\00\CAD\089201700-FIGURES.DWG\TAB.F5 MODIFIED BY BKARN ON SEP 20, 2007 - 14:22

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FORMER ARCO BULK FUEL FACILITY

SHORELINE

SOUTH McCONKEY INDUSTRIAL PARK PROPERTY (FORMER CONCRETE MANUFACTURING)

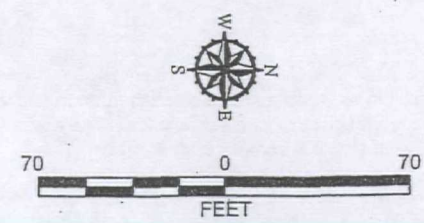
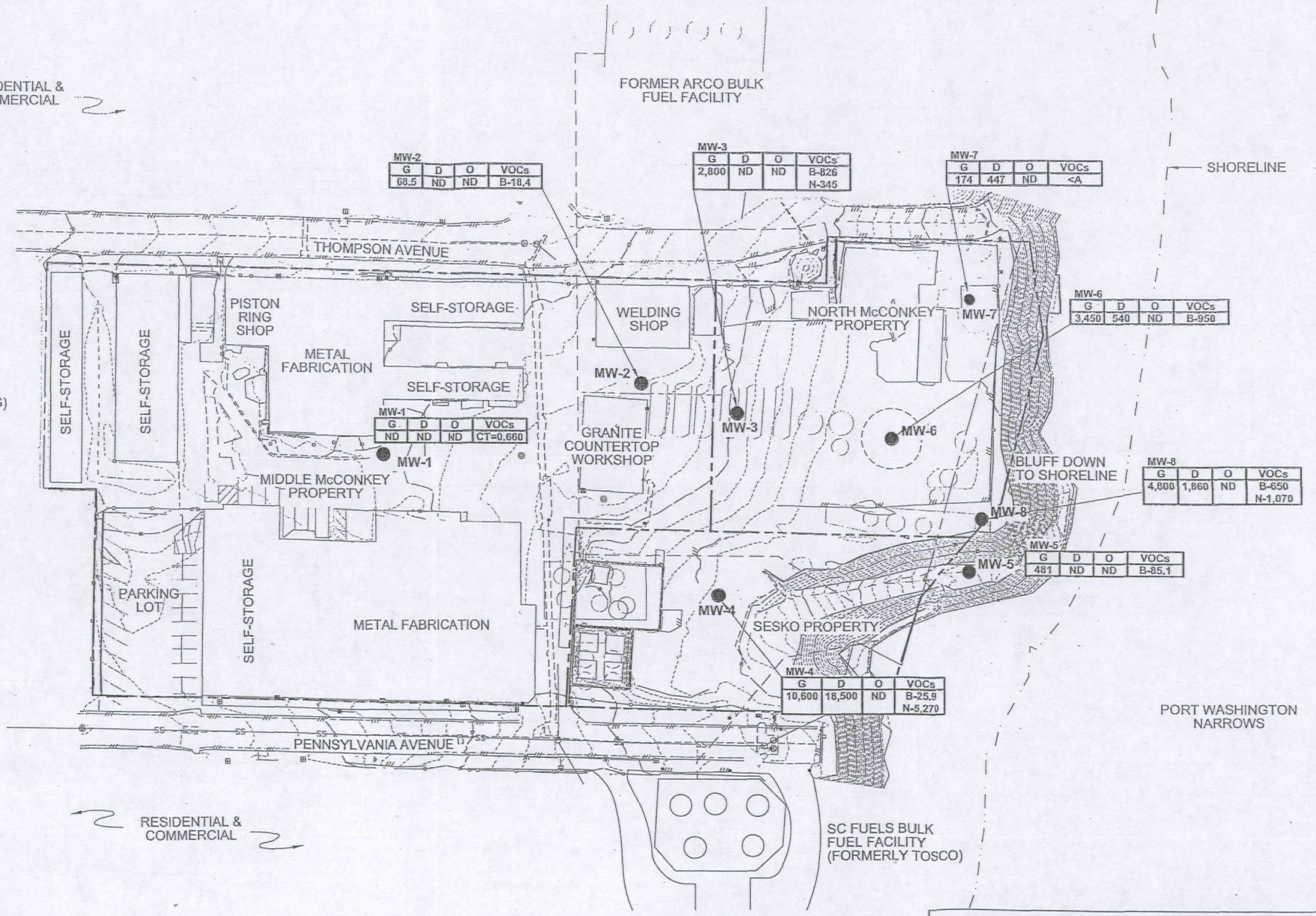
Legend:

- Site Boundary
  - MW-1 ● Monitoring Well Location
  - G = Gasoline Range Hydrocarbons
  - D = Diesel Range Hydrocarbons
  - O = Oil Range Hydrocarbons
  - CT = Carbon Tetrachloride
  - VOCs = Volatile Organic Compounds
  - B = Benzene
  - N = Naphthalene
  - ND = Not Detected
  - <A = Less than MTCA Method A Clean-up Level
- The reported concentrations are in µg/L.
- Exceeds MTCA Cleanup Level for hydrocarbons
  - Exceeds MTCA Cleanup Level for carbon tetrachloride

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Summary of Petroleum Hydrocarbon and VOC Data for Groundwater

McConkey/Sesko Site  
Bremerton, Washington

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Figure 5



W:\SEATTLE\PROJECTS\1010892017\100\CAD\089201700-FIGURES.dwg\TAB.F6 MODIFIED BY BKARN ON SEP 20, 2007 - 14:23

SOUTH McCONKEY INDUSTRIAL PARK PROPERTY  
(FORMER CONCRETE MANUFACTURING)

#### Legend:

- Site Boundary
- MW-1 ● Monitoring Well Location
- Total cPAHs = Total Carcinogenic Polycyclic Aromatic Hydrocarbons
- Total cPAHs calculated using toxic equivalent (TEQ) relative to benzo(a)pyrene per WAC173-340-780(8).
- As = Arsenic
- <A = Less than MTCA Method A Clean-up Level
- The reported concentrations are in µg/L.
- Cr = Chromium
- Cr VI = Hexavalent Chromium
- Pb = Lead
- Exceeds MTCA Cleanup Level for metals
- Exceeds MTCA Cleanup Level for CPAHs

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